



Dart Hawkesbury  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

646.9502

Job Sheet 166723-F



Part No: 646.9502

Job Qty: 1 ea

Part Name: 206A/B/L-Series Cable Cutter System, Low



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 10/16/17

Job Tracking No:

Due Date: 11/24/17

Created By: Victoria Michaud-Febrille

Type: Stock

Description:

Customer: L3 Army Fleet Support LLC (CARMY01)

Army Fleet Support Cairns Field Bldg 30300 Specker Street Fort Rucker, AL, 36362 USA ph:(334) 255-8373

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Due Date | Standard  |         | Workcenter/Supplier   |           |
|-------|--------------------|-------|----------|-----------|---------|-----------------------|-----------|
|       |                    |       |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |
| 90    | Start up Operation | 1 Ea  | 11/24/17 | 0.00      | 0.00    | Start up container    |           |
| 110   | Packaging          | 1 pcs | 11/24/17 | 0.00      | 0.00    | Packaging1            |           |
| 120   | QC                 | 1 pcs | 11/24/17 | 0.00      | 0.00    | QC4                   |           |
| 125   | DC                 | 1 pcs | 11/24/17 | 0.00      | 0.00    | DC                    |           |
| 130   | Packaging          | 1 pcs | 11/24/17 | 0.00      | 0.00    | Packaging3            |           |
| 140   | QC21-FG            | 1 Ea  | 11/24/17 | 0.00      | 0.00    | QC21                  |           |

Part Op 125 - Photocopy bluefile & type labels per PPP 646.9502

Descriptions: 130 - Identify and pack for shipping as per PPP 646.9502 Location :FG101

JAN 29 2016  
DAS  
21  
509

### Job Allocations

| Operation             | Component Part        | Required | Inventory   | Allocated | Std Qty |
|-----------------------|-----------------------|----------|-------------|-----------|---------|
| 90-Start up Operation | 600.0990 5025575      | 1        | 240.06/0018 | 0         | 0       |
|                       | 600.0991 5025576      | 1        | 5           | 0         | 0       |
|                       | 600.1012 5025577      | 1        | 500.06/9    | 0         | 0       |
|                       | 646.9601              | 1        | 4           | 0         | 0       |
|                       | 646.9603              | 1        | 2           | 0         | 0       |
|                       | 646.9810 5025577      | 1        | 2           | 0         | 0       |
|                       | 646.9910 5078444      | 4        | 0           | 0         | 0       |
|                       | 647.0110 5078441      | 4        | 2           | 0         | 0       |
|                       | 647.0111 5018439      | 1        | 19          | 0         | 0       |
|                       | 647.0112 5018424      | 8        | 161         | 0         | 0       |
|                       | 647.0113 5088435      | 2        | 34          | 0         | 0       |
|                       | 647.0114 5018423      | 1        | 44          | 0         | 0       |
|                       | 647.0115 5018410      | 1        | 39          | 0         | 0       |
|                       | 647.0116 5018409      | 2        | 42          | 0         | 0       |
|                       | 647.0210 5018421      | 4        | 1           | 0         | 0       |
|                       | 647.0310 5025575      | 2        | 17          | 0         | 0       |
|                       | 647.0410 5018408      | 1        | 20          | 0         | 0       |
|                       | 647.1210 5018407      | 1        | 21          | 0         | 0       |
|                       | AN3-10A 5017603       | 8        | 38          | 0         | 0       |
|                       | AN3-11A 5017601       | 8        | 77          | 0         | 0       |
|                       | AN3-3A 5017597        | 1        | 96          | 0         | 0       |
|                       | AN743-13 5017594      | 1        | 27          | 0         | 0       |
|                       | CCR264SS-3-06 5017580 | 8        | 207         | 0         | 0       |
|                       | CCR264SS3-04 5017583  | 12       | 57          | 0         | 0       |
|                       | CCR264SS3-02 5017582  | 4        | 100         | 0         | 0       |

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                   |                                                                                                                                                                                |                                        |                                     |                                              |                                      |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|----------------------------------------------|--------------------------------------|
| Work Order: _____ | <b>DISPOSITION</b><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b>      |                                     |                                              |                                      |
| Part No. _____    |                                                                                                                                                                                | Skid-tube <input type="checkbox"/>     | Cross tube <input type="checkbox"/> | Water Jet <input type="checkbox"/>           | Engineering <input type="checkbox"/> |
| NCR No. _____     |                                                                                                                                                                                | Machining <input type="checkbox"/>     | Small Fab <input type="checkbox"/>  | Prod. Eng. Coord. <input type="checkbox"/>   | Quality <input type="checkbox"/>     |
|                   |                                                                                                                                                                                | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/>  | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/>       |
|                   |                                                                                                                                                                                | Large Fab <input type="checkbox"/>     | site <input type="checkbox"/>       | Supplier <input type="checkbox"/>            |                                      |

Date : \_\_\_\_\_ Step #: \_\_\_\_\_

QTY \_\_\_\_\_

MRB (QS1042) Approval

Description Work Order Deviation

**Dart Aerospace Ltd.**  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Completed By

Lead hand / Supervisor  
Approval VerificationQC / QA Coordinator  
Approval

**DART**  
AEROSPACE  
**S035639**

**206A/B/L - Series Cable Cutter System, Low**

**646.9502**  
**Original Serial #: S035639**

**Start up Operation**  
**Job No: 166723-F**

| Root Cause                                  |                                                | OTHER :                                        |                                               |
|---------------------------------------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Environment <input type="checkbox"/>        | No Re <input type="checkbox"/>                 | Unqualified <input type="checkbox"/>           | Positioned Wrong <input type="checkbox"/>     |
| Design <input type="checkbox"/>             | Operate <input type="checkbox"/>               | Grain <input type="checkbox"/>                 | Outside Dimensions <input type="checkbox"/>   |
| Doc/Data <input type="checkbox"/>           | Offset/Se <input type="checkbox"/>             | Weld <input type="checkbox"/>                  | Over/Under tolerance <input type="checkbox"/> |
| Equip/Tooling <input type="checkbox"/>      | Supplier <input type="checkbox"/>              | Wrong Stock Pulled <input type="checkbox"/>    | Part Incorrect <input type="checkbox"/>       |
| Handling/Pre <input type="checkbox"/>       | Training <input type="checkbox"/>              | Out of Sequence <input type="checkbox"/>       | Part Lost/Missing <input type="checkbox"/>    |
| Material <input type="checkbox"/>           | Use for Testing <input type="checkbox"/>       | Off-set <input type="checkbox"/>               | Part Moved <input type="checkbox"/>           |
| Internal Transport <input type="checkbox"/> | Poor Informatio <input type="checkbox"/>       | Mislabeled <input type="checkbox"/>            | Drawing <input type="checkbox"/>              |
| Tribal Knowledge <input type="checkbox"/>   | Rushing <input type="checkbox"/>               | Fit/Function <input type="checkbox"/>          | Finish <input type="checkbox"/>               |
| LOA <input type="checkbox"/>                | Product Improvem <input type="checkbox"/>      | Misaligned/off center <input type="checkbox"/> | Misread <input type="checkbox"/>              |
| Substation <input type="checkbox"/>         | Process Improvemen <input type="checkbox"/>    |                                                | Turning Sequence <input type="checkbox"/>     |
| Past Expiry Date <input type="checkbox"/>   | Manufacturing Process <input type="checkbox"/> |                                                |                                               |
| Misidentified <input type="checkbox"/>      | Past Due <input type="checkbox"/>              |                                                |                                               |



5017580

CR3212-4-4 5017576

CR3212-5-4 5017575

CR3213-4-05 5017574

CR3213-4-1 5017573

CR3213-4-2 5017571

CR3213-4-3 5017570

CR3213-4-4 5017568

CR3213-4-6 5017557

→ 216 5017552

MS21042-08 5017553

MS21042-3 5017552

MS21047-3 5017237

MS21059-3 5017239

MS21059L08 5017231

MS24694-S8 5017230

MS27039-08-06 5017228

MS27039-08-09 5017225

MS27039-08-11 5017224

MS27039-08-12 5017223

MS27039-08-13 5017216

MS27039-1-08 5017219

MS27039-1-11 5017217

MS35842-11 5017216

NAS1149F0332P 5017214

NAS1149FN832P 5017213

NAS1835-08 5017213

390

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123

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294

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300

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1,598

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696

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191

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0

515

0

0

240

0

0

39

0

0

3,231

0

0

4,525

0

0

149

0

0

## Part Specifications

Specifications could not be found.

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 |                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>             Skid-tube <input type="checkbox"/><br/>             Machining <input type="checkbox"/><br/>             Thermoforming <input type="checkbox"/><br/>             Large Fab <input type="checkbox"/> </div> <div>             Cross tube <input type="checkbox"/><br/>             Small Fab <input type="checkbox"/><br/>             Finishing <input type="checkbox"/><br/>             Composite <input type="checkbox"/> </div> <div>             Water Jet <input type="checkbox"/><br/>             Prod. Eng. Coord. <input type="checkbox"/><br/>             Rec/Store/Packaging <input type="checkbox"/><br/>             Supplier <input type="checkbox"/> </div> <div>             Engineering <input type="checkbox"/><br/>             Quality <input type="checkbox"/><br/>             Other <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                       |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Step #:                                                                                                                                                                            | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 | MRB (QS1042) Approval |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Disposition                                     |                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Completed By                                    |                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead hand / Supervisor<br>Approval Verification |                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | QC / QA Coordinator<br>Approval                 |                       |  |
| <b>Root Cause</b><br><div style="display: flex; justify-content: space-between;"> <div>             Environment <input type="checkbox"/><br/>             Design <input type="checkbox"/><br/>             Doc/Data <input type="checkbox"/><br/>             Equip/Tooling <input type="checkbox"/><br/>             Handling/Pre <input type="checkbox"/><br/>             Material <input type="checkbox"/><br/>             Internal Transport <input type="checkbox"/><br/>             Tribal Knowledge <input type="checkbox"/><br/>             LOA <input type="checkbox"/><br/>             Substation <input type="checkbox"/><br/>             Past Expiry Date <input type="checkbox"/><br/>             Misidentified <input type="checkbox"/> </div> <div>             No Re-verification <input type="checkbox"/><br/>             Operator <input type="checkbox"/><br/>             Offset/Setup <input type="checkbox"/><br/>             Supplier <input type="checkbox"/><br/>             Training <input type="checkbox"/><br/>             Use for Testing <input type="checkbox"/><br/>             Poor Information <input type="checkbox"/><br/>             Rushing <input type="checkbox"/><br/>             Product Improvement <input type="checkbox"/><br/>             Process Improvement <input type="checkbox"/><br/>             Manufacturing Process <input type="checkbox"/><br/>             Past Due <input type="checkbox"/> </div> </div> |                                                                                                                                                                                    | <b>FAULT CATEGORY</b><br><div style="display: flex; justify-content: space-between;"> <div>             Pressure/Forced <input type="checkbox"/><br/>             Bending <input type="checkbox"/><br/>             Centre Not Concentric <input type="checkbox"/><br/>             Cracks <input type="checkbox"/><br/>             Crimp/Kink/Ripple/Wave <input type="checkbox"/><br/>             Cuffs <input type="checkbox"/><br/>             Crushing <input type="checkbox"/><br/>             Heat Treat <input type="checkbox"/><br/>             Wave/Twist in Tube <input type="checkbox"/><br/>             Marks/Chatter <input type="checkbox"/> </div> <div>             Temperature/Cure <input type="checkbox"/><br/>             Set-up <input type="checkbox"/><br/>             BOM/Route <input type="checkbox"/><br/>             Broken/Damage/Defect <input type="checkbox"/><br/>             Inspection Incomplete/Unqualified <input type="checkbox"/><br/>             Contamination <input type="checkbox"/><br/>             Countersink <input type="checkbox"/><br/>             Cut Too Short <input type="checkbox"/><br/>             Instructions Incomplete/Unclear <input type="checkbox"/><br/>             Drill Holes <input type="checkbox"/> </div> <div>             Power Loss/Surge <input type="checkbox"/><br/>             Folio/Program <input type="checkbox"/><br/>             Grain <input type="checkbox"/><br/>             Weld <input type="checkbox"/><br/>             Wrong Stock Pulled <input type="checkbox"/><br/>             Out of Sequence <input type="checkbox"/><br/>             Off-set <input type="checkbox"/><br/>             Misabeled <input type="checkbox"/><br/>             Fit/Function <input type="checkbox"/><br/>             Misaligned/off center <input type="checkbox"/> </div> <div>             Positioned Wrong <input type="checkbox"/><br/>             Outside Dimensions <input type="checkbox"/><br/>             Over/Under tolerance <input type="checkbox"/><br/>             Part Incorrect <input type="checkbox"/><br/>             Part Lost/Missing <input type="checkbox"/><br/>             Part Moved <input type="checkbox"/><br/>             Drawing <input type="checkbox"/><br/>             Finish <input type="checkbox"/><br/>             Misread <input type="checkbox"/><br/>             Turning Sequence <input type="checkbox"/> </div> </div> |                                                 |                       |  |
| OTHER : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 |                       |  |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

## Master Unit 000090

Tel (613) 632-5200

| Containers on Master Unit 000090 |               |                  |           |          |
|----------------------------------|---------------|------------------|-----------|----------|
| Serial No                        | Part No       | Customer Part No | Status    | Quantity |
| S024515                          | 600.0990      | 600.0990         | Allocated | 0        |
| S024516                          | 600.0991      | 600.0991         | Allocated | 0        |
| S018482                          | 600.1012      |                  | Allocated | 1        |
| S031695                          | 646.9601      | 646.9601         | Allocated | 0        |
| S024517                          | 646.9810      |                  | Allocated | 0        |
| S018444                          | 646.9910      | 646.9910         | Allocated | 4        |
| S018441                          | 647.0110      |                  | Allocated | 0        |
| S018439                          | 647.0111      |                  | Allocated | 0        |
| S018424                          | 647.0112      | 647.0112         | Allocated | 1        |
| S018435                          | 647.0113      |                  | Allocated | 0        |
| S018423                          | 647.0114      |                  | Allocated | 0        |
| S018410                          | 647.0115      |                  | Allocated | 0        |
| S018409                          | 647.0116      | 647.0116         | Allocated | 0        |
| S018431                          | 647.0210      | 647.0210         | Allocated | 0        |
| S025145                          | 647.0310      | 647.0310         | Allocated | 0        |
| S018408                          | 647.0410      |                  | Allocated | 0        |
| S018407                          | 647.1210      |                  | Allocated | 0        |
| S017603                          | AN3-10A       | AN3-10A          | Allocated | 1        |
| S017601                          | AN3-11A       |                  | Allocated | 1        |
| S017597                          | AN3-3A        | AN3-3A           | Allocated | 0        |
| S017594                          | AN743-13      |                  | Allocated | 0        |
| S017586                          | CCR264SS-3-06 |                  | Allocated | 0        |
| S017582                          | CCR264SS3-02  |                  | Allocated | 0        |
| S017583                          | CCR264SS3-04  |                  | Allocated | 0        |
| S017580                          | CR3212-4-04   |                  | Allocated | 0        |
| S017576                          | CR3212-5-4    |                  | Allocated | 0        |
| S017575                          | CR3213-4-05   |                  | Allocated | 0        |
| S017574                          | CR3213-4-1    | CR3213-4-1       | Allocated | 0        |
| S017573                          | CR3213-4-2    | CR3213-4-2       | Allocated | 0        |
| S017571                          | CR3213-4-3    |                  | Allocated | 0        |
| S017570                          | CR3213-4-4    |                  | Allocated | 0        |
| S017568                          | CR3213-4-6    |                  | Allocated | 0        |
| S004519                          | MS21042L08    |                  | Allocated | 0        |

|                |               |               |           |   |
|----------------|---------------|---------------|-----------|---|
| <b>S017562</b> | MS21042L08    |               | Allocated | 0 |
| <b>S017553</b> | MS21042L3     | MS21042L3     | Allocated | 6 |
| <b>S017552</b> | MS21047-3     |               | Allocated | 0 |
| <b>S017233</b> | MS21059-3     |               | Allocated | 0 |
| <b>S035621</b> | MS21059-3     |               | Allocated | 2 |
| <b>S017232</b> | MS21059L08    |               | Allocated | 0 |
| <b>S017231</b> | MS24694-S8    |               | Allocated | 0 |
| <b>S017230</b> | MS27039-08-06 |               | Allocated | 0 |
| <b>S017229</b> | MS27039-08-09 |               | Allocated | 0 |
| <b>S017225</b> | MS27039-08-11 |               | Allocated | 0 |
| <b>S017224</b> | MS27039-08-12 |               | Allocated | 0 |
| <b>S017223</b> | MS27039-08-13 | MS27039-08-13 | Allocated | 0 |
| <b>S017220</b> | MS27039-1-08  |               | Allocated | 0 |
| <b>S017219</b> | MS27039-1-11  |               | Allocated | 0 |
| <b>S017217</b> | MS35842-11    |               | Allocated | 0 |
| <b>S017216</b> | NAS1149F0332P |               | Allocated | 0 |
| <b>S017214</b> | NAS1149FN832P |               | Allocated | 0 |
| <b>S017213</b> | NAS1835-08    |               | Allocated | 0 |
| <b>S035633</b> | NAS1835-08    |               | Allocated | 4 |



|                                                               |                                               |                         |                        |                       |                                                                                           |  |
|---------------------------------------------------------------|-----------------------------------------------|-------------------------|------------------------|-----------------------|-------------------------------------------------------------------------------------------|--|
| <b>APICAL</b><br>INDUSTRIES, INC.                             | ENGINEERING CHANGE NOTICE NO. 02729           |                         |                        |                       | SHEET 1 OF 3                                                                              |  |
|                                                               | DWG NO. 646.9500                              | REV IN/C                | PREPARED BY S. HUFF    | DATE: 12/23/09        | EFFECT ON DWG<br><input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC. |  |
|                                                               | DWG TITLE: 206 CABLE CUTTERS KIT              |                         |                        |                       |                                                                                           |  |
|                                                               | APPROVED BY:                                  | ENGR <i>[Signature]</i> | MEG <i>[Signature]</i> | QC <i>[Signature]</i> | EFF: CURRENT ORDER                                                                        |  |
| TRANSACTION CODES (TC)<br>A-ADD C-CREATE<br>R-REVISE D-DELETE | REASON: HARDWARE REVISIONS FROM FIRST INSTALL |                         |                        |                       |                                                                                           |  |

REFERENCE ONLY

|                                                                                                                                                                                                                   |    |             |      |      |             |                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|------|------|-------------|---------------------------------------------------------------------------------------------|
| 51                                                                                                                                                                                                                | A  | 601.3155    | 8    | 8    | BOLT        | AN3-10A                                                                                     |
| 50                                                                                                                                                                                                                | A  | 601.3153    | 5    | 5    | SCREW       | MS24694S8                                                                                   |
| 41                                                                                                                                                                                                                | R  | 601.2893    | 43   | 43   | SCREW       | MS27039-0811                                                                                |
| 28                                                                                                                                                                                                                | R  | 601.2973    | 54   | 54   | LOCKNUT     | MS21042-08                                                                                  |
| 18                                                                                                                                                                                                                | R  | 601.2826    | 8    | 8    | BOLT        | AN3-11A                                                                                     |
| 16                                                                                                                                                                                                                | R  | 601.2764    | 127  | 127  | WASHER      | NAS1149FN832P                                                                               |
|                                                                                                                                                                                                                   |    |             | 9502 | 9501 |             |                                                                                             |
| F/N                                                                                                                                                                                                               | TC | PART NUMBER | QTY  |      | DESCRIPTION | MATERIAL/SPECIFICATION                                                                      |
| DOCUMENTS EFFECTED: <input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM |    |             |      |      |             | CHANGE CATEGORY<br><input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR |
|                                                                                                                                                                                                                   |    |             |      |      |             | DER REVIEW REQUIRED<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO  |





|                                                               |                                       |                         |                       |                    |                                                                                           |
|---------------------------------------------------------------|---------------------------------------|-------------------------|-----------------------|--------------------|-------------------------------------------------------------------------------------------|
| <b>APICAL</b><br>INDUSTRIES, INC.                             | ENGINEERING CHANGE NOTICE NO. 02736   |                         |                       | SHEET 1 OF 1       |                                                                                           |
|                                                               | DWG NO. 646.9500                      | REV: N/C                | PREPARED BY S. HUFF   | DATE: 01/06/10     | EFFECT ON DWG<br><input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC. |
|                                                               | DWG TITLE: 206 CABLE CUTTERS KIT      |                         |                       |                    |                                                                                           |
|                                                               | APPROVED BY: ENGR. <i>[Signature]</i> | MFG. <i>[Signature]</i> | QC <i>[Signature]</i> | EFF: CURRENT ORDER |                                                                                           |
| TRANSACTION CODES (TC)<br>A-ADD C-CREATE<br>R-REVISE D-DELETE | REASON: CORRECTED PARTS LIST ERRORS   |                         |                       |                    |                                                                                           |

| 17                                                                                                                                                                                            | R  | 601.1607    | 62   | 62   | WASHER      | NAS1149F0332P                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|------|------|-------------|---------------------------------------------------------------------------------------------|
| 16                                                                                                                                                                                            | R  | 601.2764    | 111  | 111  | WASHER      | NAS1149FN832P                                                                               |
|                                                                                                                                                                                               |    |             | 9502 | 9501 |             |                                                                                             |
| F/N                                                                                                                                                                                           | TC | PART NUMBER | QTY  |      | DESCRIPTION | MATERIAL/SPECIFICATION                                                                      |
| DOCUMENTS EFFECTED:                                                                                                                                                                           |    |             |      |      |             | CHANGE CATEGORY<br><input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR |
| <input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM |    |             |      |      |             | DER REVIEW REQUIRED<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO  |